

## DECLARATION FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name;

I believe that I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### ***SUPER-TWIST NEMATIC LIQUID CRYSTAL DISPLAY USING THIN CRYSTAL FILM POLARIZER***

the specification of which: ☐ is attached hereto.  
☒ was filed on: December 16, 2005  
as Application No.: 10/561,102  
and was amended on: \_\_\_\_\_  
(if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

### **Prior Foreign Application(s)**

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application Number	Foreign Filing Date (DD/MM/YYYY)	Priority Claimed		Certified Copy Attached	
PCT	PCT/US2004/019276	15/06/2004	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

**Prior Provisional Application(s)**

I hereby claim priority under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

<b>Application Number</b>	<b>Date of Filing (day, month, year)</b>

**Prior United States Application(s)**

I hereby claim priority under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<b>Application Number</b>	<b>Date of Filing (day, month, year)</b>	<b>Status - Patented, Pending, Abandoned</b>
<b>10/465,067</b>	<b>18 June 2003</b>	<b>Abandoned</b>

All correspondence and telephone communications should be addressed to Maria S. Swiatek at the address corresponding to Customer Number 32940 currently: DORSEY & WHITNEY LLP, Intellectual Property Department; 555 California Street, Suite 1000, San Francisco, California 94104-1513; telephone number (650) 857-1717; facsimile number (650) 857-1288.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**Dorsey & Whitney LLP**  
**Intellectual Property Department**  
**555 California Street, Suite 1000**  
**San Francisco, California 94104-1513**  
**(650) 857-1717 (telephone); (650) 857-1288 (facsimile)**  
Page 2 of 3

Signature



Date 02.05.06

Full Name of  
First Inventor:

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(Family Name)

**Michael**  
(First Given Name)

**V.**  
(Second Given Name)

Citizenship:

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Signature

Date

Full Name of  
Second Inventor:

**Palto**  
(Family Name)

**Serguei**  
(First Given Name)

**P.**  
(Second Given Name)

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Russian Federation

Residence:

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Post Office  
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Moscow, Russian Federation 141700

Signature

Date

Full Name of  
Third Inventor:

**Silverstein**  
(Family Name)

**Louis**  
(First Given Name)

**D.**  
(Second Given Name)

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Post Office  
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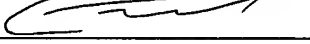
Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of  
First Inventor: **Paukshto** **Michael** **V.**  
(Family Name) (First Given Name) (Second Given Name)

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Signature  \_\_\_\_\_ Date February 15, 2006

Full Name of  
Second Inventor: **Palto** **Serguei** **P.**  
(Family Name) (First Given Name) (Second Given Name)

Citizenship: Russian Federation

Residence: Moscow, Russian Federation

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Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of  
Third Inventor: **Silverstein** **Louis** **D.**  
(Family Name) (First Given Name) (Second Given Name)

Citizenship: United States

Residence: Scottsdale, Arizona

Post Office  
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Scottsdale, Arizona 95260-6201

Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of  
First Inventor: Paukshto Michael V.  
(Family Name) (First Given Name) (Second Given Name)

Citizenship: Russian Federation

Residence: Foster City, California

Post Office  
Address: 820 Peary Lane  
Foster City, California 94404


Signature \_\_\_\_\_ Date \_\_\_\_\_

Full Name of  
Second Inventor: Palto Serguei P.  
(Family Name) (First Given Name) (Second Given Name)

Citizenship: Russian Federation

Residence: Moscow, Russian Federation

Post Office  
Address: Likhachevskoe sh., bld. 4, aprtm. 173, Dolgoprudny  
Moscow, Russian Federation 141700

Signature  Date 2/19/06

Full Name of  
Third Inventor: Silverstein Louis D.  
(Family Name) (First Given Name) (Second Given Name)

Citizenship: United States

Residence: Scottsdale, Arizona

Post Office  
Address: 9695 E. Yucca Street  
Scottsdale, Arizona 95260-6201

**POWER OF ATTORNEY BY ASSIGNEE**  
**AND EXCLUSION OF INVENTOR/S UNDER 37 C.F.R. §1.32**  
**AND STATEMENT UNDER 37 C.F.R. § 3.73(b)**

To the Commissioner of Patents and Trademarks:

The undersigned assignee of the entire interest for letters patent with assigned patent application Serial No. 10/561,102 (to be assigned) and filing date of Dec. 16, 2005 (to be assigned), such application being a U.S. National Stage Application filed under 35 U.S.C. § 371 of PCT Application No. PCT/US2004/019276 filed June 15, 2004 and entitled *SUPER-TWIST NEMATIC LIQUID CRYSTAL DISPLAY USING THIN CRYSTAL FILM POLARIZER* and having the named inventors: Michael V. Paukshto, Serguei P. Palto and Louis D. Silverstein, hereby appoints the DORSEY & WHITNEY LLP attorneys and agents associated with Customer Number 32940 as its attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, said appointment to be to the exclusion of the inventor(s) and his (their) attorney(s) in accordance with the provisions of 37 C.F.R. 3.71; provided that if any one of said attorneys ceases being affiliated with the law firm of DORSEY & WHITNEY LLP as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived there from shall terminate on the date such attorney ceases being so affiliated.

In accordance with 37 C.F.R. 3.73, the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, the assignee is the owner of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above, a copy of which is attached hereto. The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Direct all telephone calls to MARIA S. SWIATEK at (650) 857-1717.

Address all correspondence to:

DORSEY & WHITNEY LLP  
555 California Street, Suite 1000  
San Francisco, California 94104-1513

Date: February 28, 2006

Signature: 

By: Masamichi TAKEMOTO

(typed name)

Title: President

Assignee: NITTO DENKO CORPORATION

Address: 1-1-2, Shimohozumi, Ibaraki-shi  
Osaka 567-8680 JAPAN

## ASSIGNMENT

WHEREAS, the undersigned, **Michael V. Paukshto**, a resident of **Foster City, California**, **Serguei P. Palto**, a resident of **Moscow, Russian Federation**, and **Louis D. Silverstein**, a resident of **Scottsdale, Arizona** (collectively hereinafter termed "Inventors"), have jointly invented certain new and useful improvements in **SUPER-TWIST NEMATIC LIQUID CRYSTAL DISPLAY USING THIN CRYSTAL FILM POLARIZER**, for which invention we have executed a United States utility patent application, having Serial No. **10/561,102**, and filing date of **December 16, 2005**, such application being a U.S. National Stage Application filed under 35 U.S.C. § 371 of PCT Application No. PCT/US2004/019276 filed June 15, 2004, which invention is fully described in the specification pertaining to said application.

WHEREAS, **NITTO DENKO CORPORATION** (hereinafter termed "Assignee"), a body having corporate powers under the laws in the Country of Japan, having a place of business at **1-1-2, Shimohozumi, Ibaraki, Osaka, Japan 567-8680**, is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a utility, division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents; and (e) all claims for damages by reason of past infringement of said patents, with the right to sue for and collect the same for its own use and enjoyment, and for use and enjoyment of its successors, assigns or other legal representatives.

2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting utility, substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his respective heirs, legal representatives and assigns.

4. Said Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee this 5<sup>th</sup> day of February, 2006.

  
Michael V. Paukshto

State of California )  
County of San Mateo ) ss.

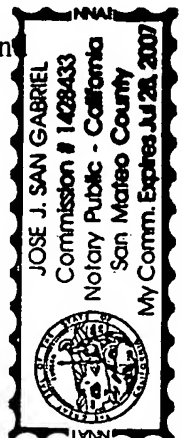
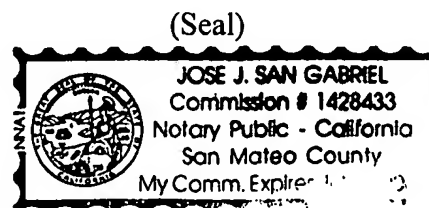
On this 14<sup>th</sup> day of February, in the year 2006, before me, JOSE J. SAN GABRIEL Notary Public of the State of California in the County of San Mateo, personally appeared Michael V. Paukshto, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Jose J. San Gabriel

2 of 3

4851-1843-2000\1





IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee this 15 day of February 2006.

Serguei P. Palto

Witnesses

1) Date: February 15, 2006 Signature: [Signature]  
Print Name: Julia Gordeeva

2) Date: February 15, 2006 Signature: [Signature]  
Print Name: Svetlana Alekseeva

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

Louis D. Silverstein

State of Arizona )  
 ) ss.  
County of \_\_\_\_\_ )

On this \_\_\_ day of \_\_\_\_\_, in the year 2006, before me, \_\_\_\_\_, Notary Public of the State of California in the County of \_\_\_\_\_, personally appeared Louis D. Silverstein, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(Seal)

Signature \_\_\_\_\_

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee this \_\_\_\_\_ day of \_\_\_\_\_ 2006.

**Serguei P. Palto**

Witnesses

1) Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

2) Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee this 9th day of FEBRUARY, 2006.

  
**Louis D. Silverstein**

State of Arizona )  
 ) ss.  
County of MARICOPA )

On this 9 day of FEBRUARY, in the year 2006, before me, REBECCA L. P. HOWEY, Notary Public of the State of ARIZONA in the County of MARICOPA, personally appeared Louis D. Silverstein, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Rebecca L. P. Howey

